

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000208**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 31-Jul-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 2

Item	Title	Detail
1	Major component movement	<p>QA review RT film on the following PQRs:</p> <p>HP2007144-1, 3G SMAW (E9018) on HPS 485W material,</p> <p>HP2007147-1, 1G SAW (MIL800-HPNi+LA85) on HPS 485W material,</p> <p>HP2007148, 1G SMAW (THJ506Fe-1 E7018-1) on 485W material,</p> <p>HP2007149, 3G SMAW (THJ506Fe-1 E7018-1) on 485W material,</p> <p>HP2007153, 1G SAW (JF-B+JW-3) on HPS 485W material,</p> <p>HP2007249-2, 4G SMAW (THJ506Fe-1 E7018-1) on 485W material,</p> <p>The film appeared to comply with the contract documents.</p> <p>QA observed Moody International conducting the following welder qualifications:</p> <p>30 FCAW welded - 18 accepted by Moody = 60% acceptance rate</p> <p>23 SMAW welded - 15 accepted by Moody = 65% acceptance rate</p> <p>8 SAW welded - 5 accepted by Moody = 63% acceptance rate</p> <p>The test plates still require both RT and mechanical testing</p>
2	Key conversations	<p>ZPMC Quality Assurance Eric Xu informed QA that ZPMC was awaiting approval of the WQCP prior to tack welding the Tower Mock-up skin plates.</p> <p>ABF representatives Steve Lawton and Nate Lindell informed QA that ABF and ZPMC have met with Lincoln Electric regarding the transfer mode of the GMAW procedure for the Closed-rib to Deck PJP weld. Lincoln has confirmed that it is operating in the spray transfer mode and will provide documentation of the operating ranges.</p>
3	Other important observations	<p>QA observed ZPMC adjusting the stop blocks on the closed-rib bending press. QA observed machining of closed-rib plates.</p> <p>QA and ABF Level III Steve Lawton identified and had ZPMC cut a sample of closed-rib weld for Caltrans to use in parallel development of the UT procedure for the PJP closed-rib weld.</p>

## DAILY PROJECT JOURNAL

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4	Quality Assurance Inspectors per shift	3 AM (Acuna, Berger, Cuellar) 0 PM
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**Inspected By:** McClary,David

## Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer